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          Audi A2 2001 ➤ , Audi A3 1997 ➤
          Audi A3 2004 ➤ . Audi A3 2013 ➤
          Audi A3 Cabriolet 2008 ➤,
          Audi A4 1995 ➤ , Audi A4 2001 ➤
          Audi A4 2008 ➤ . Audi A4 2015 ➤
          Audi A4 Cabriolet 2003 ➤ .
          Audi A5 2016 ➤
          Audi A5 Cabriolet 2017 ➤
          Audi A5 Coupé 2008 ➤
          Audi A5 Sportback 2010 ➤
          Audi A6 1998 ➤ , Audi A6 2005 ➤ ,
          Audi A6 2011 ➤ ,
                            Audi A6 2019 ➤ .
          Audi A6 China 2012 ➤
          Audi A7 Sportback 2011
          Audi A7 Sportback 2018 ➤
          Audi A8 1994 ➤ , Audi A8 2003 ➤
          Audi A8 2010 ➤
                           . Audi A8 2018 ➤
          Audi Q2 2016 ➤ , Audi Q3 2012 >
          Audi Q3 2019 ➤ , Audi Q5 2008 >
          Audi Q5 2017 ➤ , Audi Q7 2007
          Audi Q7 2016 ➤ , Audi Q8 2018 ➤
          Audi R8 2007 ➤ . Audi R8 2015 ➤
          Audi TT 1999 ➤ , Audi TT 2007 ➤
                             Audi e-tron 2019 ➤
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Fitting instructions: radio communication systems

Edition 11.2018



List of Workshop Manual Repair Groups

Repair Group 91 - Radio, telephone, navigation



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Technical information should always be available to the foremen and mechanics, because their careful and constant adherence to the instructions is essential to ensure vehicle road-worthiness and safety. In addition, the normal basic safety precautions for working on motor vehicles must, as a matter of course, be observed.



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91 – Radio, telephone, navigation

Retrofitting transceivers

(ARL006129; Edition 11.2018)

1.1 General notes

Disconnect negative terminal of battery - A- before fitting radio communication and telephone systems (transceivers) ⇒ Electrical system; Rep. gr. 27; Battery .

Use applicable current flow diagrams ⇒ Current flow diagrams, Electrical fault finding and Fitting locations.

Use cable ties to secure wiring harnesses. Pad plug-in couplings with foam sheaths.

Note operating and installation instructions issued by the manufacturers of mobile telephones, radio communication systems and aerials \Rightarrow Operating instructions.

- Disconnecting and connecting battery A- ⇒ Electrical system; Rep. gr. 27.
- ◆ Current flow diagrams, fuse assignment and fitting locations
 ⇒ Current flow diagrams, Electrical fault finding and Fitting locations.
- Removing and installing trim ⇒ General body repairs, interior; Rep. gr. 70 .
- Removing and installing factory-fitted systems ⇒ Communication; Rep. gr. 91.
- Repairing aerial wiring ⇒ Electrical system; General information; Rep. gr. 97; Repairing wiring harnesses and connectors; Repairing aerial wires
- Repairing wiring harnesses ⇒ Electrical system; General information; Rep. gr. 97; Repairing wiring harnesses and connectors

1.2 Transmission power levels and possible fitting locations

Audi approves the installation and operation of radio communication systems, provided that the transmission power levels at the aerial base do not exceed the values listed in the table for the relevant model. The specified aerial fitting locations and transmission power levels are given in the tables \Rightarrow page 3.

It may be necessary to reduce transmission power to comply with the maximum permitted values as per VDE 0848 Part 2 (maximum permitted field strength with respect to personal safety).

1.3 Prot**Power supply**. Copying for private or commercial purposes, in part or in whole, is not

The battery "At is used for connection of the positive and negative t guarantee or accept any liability cables when performing service installation of radio communication of radio communication of the vehicle.

An additional wiring harness has to be made up accordingly:

- Positive cable: 2.5 mm thick, red cable
- ♦ Negative cable: 2.5 mm thick, brown cable
- ◆ Terminal 15 cable: 1.5 mm thick, black cable

The positive cable must be fitted with a fuse in the immediate vicinity of the battery - A- . This requires you to fit a fuse holder



next to the battery - A- . The positive and negative cables must be covered with an insulating sheath. Appropriate terminals must be fitted on the battery end. For the device end, proceed according to the operating instructions for radio communication systems ⇒ Operating instructions .

Additional wiring harness must be routed separately from vehicle wiring (distance > 10 cm).



Note

Intertwining of standard wiring is preferable to parallel routing.

1.4 Aerial and aerial wire

Use a screened wire between the transmitter/receiver unit and the aerial. The screen must be connected to the unit and aerial end. At the same time ensure that there is a good and permanent earth connection between aerial base wire and vehicle body.

The transmission system must be tuned to prevent sheath waves on the aerial wire. This should be ensured by performing a power measurement to check and tune the radio communication system.

"On-Glass" aerials can only be fitted on vehicles without insulating glass.

1.5 Other auxiliary equipment

Installation of other electronic equipment, such as a business package (TV, FAX) or household package (electric refrigerator box) is only permitted if such items bear a CE or e mark. Power is also to be supplied by way of a separate wiring harness and provided with fuse protection.

1.6 Overview - battery - A- /transmitter and receiver unit/fuse/wiring harness



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A - Battery - A-

- Installation position, disconnecting ⇒ Electrical system; Rep. gr. 27
- B Telephone transmitter and receiver unit
 - Installation position, removing and installing ⇒
 Communication; Rep. gr. 91

C - Wiring harness

- ☐ Has to be made up
- ☐ Positive wire (terminal 30) 2.5 Ø (red)
- □ Earth wire (terminal 31) 2.5 Ø (brown)
- □ Positive wire (terminal 15a) 1.5 Ø (black)

D - Fuse holder

 In immediate vicinity of battery - A-

E - Terminal 15a

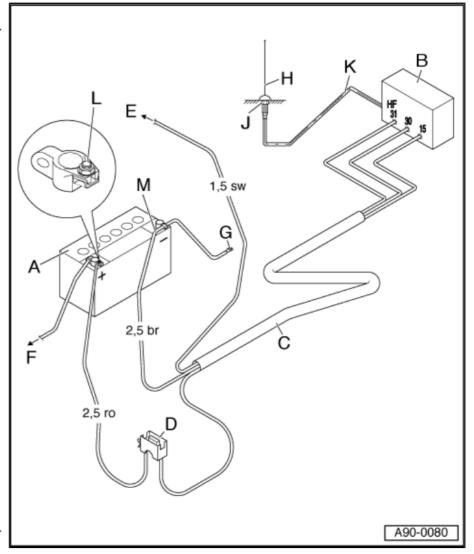
- Always connected to output of terminal 15a
- Wiring must be protected by a fuse
- ☐ Fuse max. 15 A

F - To starter - B-

Original wire

G - Body earth

Immediately next to battery - A-



H - Transmission/reception aerial

 \Box The specified aerial fitting locations and transmission power levels are given in the tables \Rightarrow page 3.

J - Aerial earth

□ Good, firm connection/corrosion protection

K - Screened aerial wire

Wire with coaxial connector

L - Positive connection

- ☐ Attach red cable with terminal A6-2.5 beneath nut
- □ Route wiring harness separately if possible

M - Negative cable

- ☐ Attach brown cable with terminal A6-2.5 beneath nutor commercial purposes, in part or in whole, is not
- Route wiring harness separately if possible UDI AG. AUDI AG does not guarantee or accept any liability with respect to the correctness of information in this document. Copyright by AUDI AG.

1.7 Transmission power levels and aerial fitting locations for A1 (from model year 2011 up to model year 2012)

Designation	P _{max} (Watt)	Specified aerial fitting locations
2 m band	50 (eff.)	Centre of roof (rear)
70 cm band	50 (eff.)	Centre of roof (rear)

X	Ж	\mathbf{x}	ı

Designation	P _{max} (Watt)	Specified aerial fitting locations
Telephone, 900 MHz GSM	20 (PEP)	Centre of roof (front or rear)
23 cm band	25 (PEP)	Centre of roof (rear)
Telephone, 1800 MHz GSM	10 (PEP)	Centre of roof (front or rear)
UMTS network	10 (PEP)	Centre of roof (front or rear)

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.8 Transmission power levels and aerial fitting locations for A1 (from model year 2013 up to model year 2018)

Designation	P _{max} (Watt)	Specified aerial fitting locations
2 m band (135175 MHz)	50 (eff.)	Rear of roof (15 to 25 cm from rear roof edge)
70 cm band (430480 MHz)	50 (eff.)	Rear of roof (15 to 25 cm from rear roof edge)
Telephone, GSM (820980 MHz)	20 (PEP)	Front centre of roof (position of standard aerial) Rear of roof (15 to 25 cm from rear roof edge)
Telephone, GSM cted by copy (17001900 MHz)	ign (PEP) ing for priva	Front centre of roof (position of standard aerial) Rear of roof (15 to 25 cm from rear roof edge)
Telephone, UMTS network (19002100 MHz) spect to the	10 (PEP) by AUDI AG. correctness of inform	Front centre of roof (position of standard aerial) Rear of roof (15 to 25 cm from rear roof edge)

eff. = effective transmission power

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.9 Transmission power levels and aerial fitting locations for A1 (from model year 2019 onwards)

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave/CB radio (< 30 MHz)	100 (PEP)	Rear bumper
4 m band (6887.5 MHz)	20 (eff.)	Centre of roof (centre), centre of roof (rear)
2 m band (144174 MHz)	50 (eff.)	Centre of roof (centre), centre of roof (rear)
70 cm band (410470 MHz)	50 (eff.)	Centre of roof (rear)
TETRA (380395, 406420, 450460, 806825, 870876 MHz)	30 (PEP)	Centre of roof (rear)



Designation	P _{max} (Watt)	Specified aerial fitting locations
Telephone, GSM (824850 MHz, 876915 MHz)	2 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Roof spoiler (right-side) (fitting location as standard aerial) I Left/right section of rear bumper (fitting location as standard aerial)
Telephone, GSM (17101785 MHz, 18501910 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Roof spoiler (right-side) (fitting location as standard aerial) I Left/right section of rear bumper (fitting location as standard aerial)
Telephone, UMTS network (18852025 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Roof spoiler (right-side) (fitting location as standard aerial) ial) Left/right section of rear bumper (fitting location as standard aerial)
LTE (e-UTRA bands 1 to 41 and 44)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Roof spoiler (right-side) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.10 Transmission power levels and aerial fitting locations for A2 (from model year 2001 onwards)

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 54 MHz)	100 (PEP)	Rear bumper
4 m band	20 (eff.)	Rear left wing
2 m band	50 (eff.)	Rear left wing
70 cm band	50 (eff.)	Rear left wing
Telephone, 450 MHz GSM	25 (eff.)	Rear left wing Rear of roof (12 cm from roof edge in centre of vehicle) Rear left side windows "On-Glass"
Telephone, 900 MHz GSM	20 (PEP)	Rear left wing Rear of roof (12 cm from roof edge in centre of vehicle) Rear left side windows "On-Glass"
Telephone, 1800 MHz GSM	10 (PEP)	Rear left wing Rear of roof (12 cm from roof edge in centre of vehicle) Rear left side windows "On-Glass"

eff. = effective transmission power

PEP = Peak Envelope Power

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If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.11 Transmission power levels and aerial fitting locations for A3 (from model year 1997 up to model year 2003)

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 54 MHz)	100 (PEP)	Centre of roof (rear) Rear bumper
4 m band	20 (eff.)	Centre of roof (rear)
2 m band	50 (eff.)	Centre of roof (rear) Rear right side panel
2 m band	20 (eff.)	Front of roof (15 cm from edge of windscreen in centre of vehicle) Centre of roof (rear) Rear left or right side panel
70 cm band	50 (eff.)	Centre of roof (rear) Rear right side panel
Telephone, 450 MHz GSM	25 (eff.)	Centre of roof, rear (same as radio, telephone and navigation system aerial - R52-) Rear left or right side windows "On-Glass"
Telephone, 900 MHz GSM	20 (PEP)	Centre of roof, rear (same as radio, telephone and navigation system aerial - R52-) Rear left or right side windows "On-Glass"
Telephone, 1800 MHz GSM	10 (PEP)	Centre of roof, rear (same as radio, telephone and navigation system aerial - R52-) Rear left or right side windows "On-Glass"

eff. = effective transmission power

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.12 Transmission power levels and aerial fitting locations for A3 (from model year 2004 up to model year 2012)

Designation	P _{max} (Watt)	Specified aerial fitting locations	
4 m band		centre of roof (rear)	not
2 m band permitt	1 ' '	Centre of roof (rear) pes not guarantee or accept any liabil	ity
70 cm band with res	50 (eff.)he correctness	Centre of root (rear) document. Copyright by AUDI AG.	
Telephone, 900 MHz GSM	20 (PEP)	Centre of roof (rear)	
Telephone, 1800 MHz GSM	10 (PEP)	Centre of roof (rear)	
Bluetooth (2400-2483 MHz)	500 mW	Under front passenger's seat	



Designation	P _{max} (Watt)	Specified aerial fitting locations
UMTS network	10 W	Rear of roof Centre of rear lid
Short-range radar (76.5 GHz)	< 10 mW	Behind radiator grille

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.13 Transmission power levels and aerial fitting locations for A3, A3 Sportback (from model year 2013 up to week 29/2013)

	Designation	P _{max} (Watt)	Specified aerial fitting locations
	Shortwave (< 30 MHz)	100 (PEP)	Towing bracket
	4 m band (6487.5 MHz)	20 (eff.)	Centre of roof (rear)
(2 m band (135175 MHz)	50 (eff.)	Centre of roof (rear)
1	70 cm band (430480 MHz)	50 (eff.)	Centre of roof (rear)
	TETRA (380390,	30 (PEP)	Centre of roof (rear)
Pi	410420, 450 te470 800 right Copying	for private or commerc	al purposes, in part or in whole, is not
D	870 :: 876 : MHz) uthorised by A	UDI AG. AUDI AG does	not quarantee or accept any liability
W	Telephone GSM (820980 MHz)	f ¹ 19 (Cr FF) ion in this do	Centre of roof (rear), AUDI AG.
	Telephone, GSM (17001900 MHz)	5 (PEP)	Centre of roof (rear)
	Telephone, UMTS network (19002100 MHz)	5 (PEP)	Centre of roof (rear)

eff. = effective transmission power

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.14 Transmission power levels and aerial fitting locations for A3, A3 Sportback, A3 Saloon (from week 30/2013 onwards)

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 30 MHz)	100 (PEP)	Towing bracket
4 m band (6487.5 MHz)	20 (eff.)	Centre of roof (rear)
2 m band (135175 MHz)	50 (eff.)	Centre of roof (rear)



Designation	P _{max} (Watt)	Specified aerial fitting locations
70 cm band (430480 MHz)	50 (eff.)	Centre of roof (rear)
TETRA (380390, 406420, 450470, 800825, 870876 MHz)	30 (PEP)	Centre of roof (rear)
Telephone, GSM (820980 MHz)	2 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
Telephone, GSM (17001900 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
Telephone, UMTS network (19002100 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
LTE (e-UTRA bands 1 to 41 and 44)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table; the purposes, in part or in whole, is not operating permit for the vehicle may be void.

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1.15 Transmission power levels and aerial fitting locations for A3 Cabriolet (from model year 2008 up to model year 2014)

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 54 MHz)	10 (PEP)	Centre of rear lid Rear bumper
4 m band	10 (eff.)	Centre of rear lid Rear left wing
2 m band	10 (eff.)	Centre of rear lid Rear left wing
70 cm band	10 (eff.)	Centre of rear lid Rear bumper
Telephone, 900 MHz GSM	10 (PEP)	Top centre of windscreen
Telephone, 1800 MHz GSM	10 (PEP)	Top centre of windscreen
Bluetooth (2400-2483 MHz)	500 mW	Under front passenger's seat
UMTS network	10 mW	Top centre of windscreen
Short-range radar (76.5 GHz)	< 10 mW	Behind radiator grille

eff. = effective transmission power

PEP = Peak Envelope Power





If transceivers, with higher output are installed, or if the aerial purposes, in part or in whole, is not is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void UDI AG. AUDÍ AG des not guarantee or accept any liability

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1.16 Transmission power levels and aerial fitting locations for A3 Cabriolet (from model year 2015 onwards)

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 30 MHz)	100 (PEP)	Towing bracket
4 m band (6487.5 MHz)	20 (eff.)	Rear lid
2 m band (135175 MHz)	50 (eff.)	Rear lid
70 cm band (430480 MHz)	50 (eff.)	Rear lid
TETRA (380390, 410420, 450470, 800825, 870876 MHz)	30 (PEP)	Rear lid
Telephone, GSM (820980 MHz)	2 (PEP)	Rear lid Left/right section of rear bumper (fitting location as standard aerial)
Telephone, GSM (17001900 MHz)	1 (PEP)	Rear lid Left/right section of rear bumper (fitting location as standard aerial)
Telephone, UMTS network (19002100 MHz)	1 (PEP)	Rear lid Left/right section of rear bumper (fitting location as standard aerial)
LTE (e-UTRA bands 1 to 41 and 44)	1 (PEP)	Rear lid Left/right section of rear bumper (fitting location as standard aerial)

eff. = effective transmission power

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.17 Transmission power levels and aerial fitting locations for A4 (from model year 1995 up to model year 2000)

Saloon

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 54 MHz)	100 (PEP)	Centre of rear lid Rear bumper
4 m band	20 (eff.)	Rear of roof (32.5 cm from edge of window in centre of vehicle) Rear left wing



Designation	P _{max} (Watt)	Specified aerial fitting locations
2 m band	50 (eff.)	Centre of rear lid, rear bumper Rear left wing
2 m band	20 (eff.)	Rear of roof (32.5 cm from edge of window in centre of vehicle) Rear left or right wing
70 cm band	50 (eff.)	Centre of rear lid Rear right wing
Telephone, 450 MHz GSM	25 (eff.)	Rear left or right wing Rear window, top edge of window "On-Glass"
Telephone, 900 MHz GSM	20 (PEP)	Rear left wing Rear window, top edge of window "On-Glass" Rear left or right side windows
Telephone, 1800 MHz GSM	10 (PEP)	Rear left wing Rear window, top edge of window "On-Glass" Rear left or right side windows

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

Avant

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 54 MHz)	100 (PEP)	Centre of roof (rear) Rear bumper
4 m band	20 (eff.)	Centre of roof (rear)
2 m band	50 (eff.)	Centre of roof (rear) Rear right side panel
2 m band	20 (eff.)	Centre of roof (rear) Rear left or right side panel
70 cm band	50 (eff.)	Centre of roof (rear) Rear right side panel
Telephone, 450 MHz GSM	25 (eff.)	Rear of roof (same as radio, telephone and navigation system aerial - R52-) Rear left or right side window "On-Glass"
Telephone, 900 MHz GSM	20 (PEP)	Rear of roof (same as radio, telephone and navigation system aerial - R52-) Rear left or right side window "On-Glass"
Telephone, 1800 MHz GSM	10 (PEP)	Rear of roof (same as radio, telephone and navigation system aerial - R52-) Rear left or right side window "On-Glass"

eff. = effective transmission power

PEP = Peak Envelope Power

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If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

Cabriolet

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 54 MHz)	10 (PEP)	Rear bumper
4 m band	10 (eff.)	Rear right wing
2 m band	10 (eff.)	Rear left or right wing Rear bumper
70 cm band	10 (eff.)	Rear bumper
Telephone, 450 MHz GSM	10 (eff.)	Rear left or right wing
Telephone, 900 MHz GSM	10 (PEP)	Rear left or right wing
Telephone, 1800 MHz GSM	10 (PEP)	Rear left or right wing

eff. = effective transmission power

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table the purposes, in part or in whole, is not operating permit for the vehicle may be void.

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1.18 Transmission power levels and aerial fitting locations for A4 (from model year 2001 up to model year 2007)

Saloon

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 54 MHz)	100 (PEP)	Centre of rear lid Rear bumper
4 m band	20 (eff.)	Rear of roof (22 cm from edge of window in centre of vehicle) Rear left wing
2 m band	50 (eff.)	Centre of rear lid, rear bumper Rear left wing
2 m band	20 (eff.)	Rear of roof (22 cm from edge of window in centre of vehicle) Rear left or right wing
70 cm band	50 (eff.)	Centre of rear lid Rear left wing
Telephone, 450 MHz GSM	25 (eff.)	Rear of roof (22 cm from edge of window in centre of vehicle) Rear left or right wing



Designation	P _{max} (Watt)	Specified aerial fitting locations
Telephone, 900 MHz GSM	20 (PEP)	Rear of roof (22 cm from edge of window in centre of vehicle) Rear left or right wing Rear left or right side windows "On-Glass"
Telephone, 1800 MHz GSM	10 (PEP)	Rear of roof (22 cm from edge of window in centre of vehicle) Rear left or right wing Rear left or right side windows "On-Glass"

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be woid sed by AUDI AG. AUDI AG does not guarantee or accept any liability

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Avant

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 54 MHz)	100 (PEP)	Centre of roof, rear (same as radio, telephone and navigation system aerial - R52-) Rear bumper
4 m band	20 (eff.)	Centre of roof, rear (same as radio, telephone and navigation system aerial - R52-) Centre of roof (61 cm from rear window in centre of vehicle)
2 m band	50 (eff.)	Centre of roof, rear (same as radio, telephone and navigation system aerial - R52-) Centre of roof (61 cm from rear window in centre of vehicle)
2 m band	20 (eff.)	Centre of roof, rear (same as radio, telephone and navigation system aerial - R52-) Centre of roof (61 cm from rear window in centre of vehicle)
70 cm band	50 (eff.)	Centre of roof, rear (same as radio, telephone and navigation system aerial - R52-)
Telephone, 450 MHz GSM	25 (eff.)	Centre of roof, rear (same as radio, telephone and navigation system aerial - R52-)
Telephone, 900 MHz GSM	20 (PEP)	Centre of roof, rear (same as radio, telephone and navigation system aerial - R52-)
Telephone, 1800 MHz GSM	10 (PEP)	Centre of roof, rear (same as radio, telephone and navigation system aerial - R52-)

eff. = effective transmission power

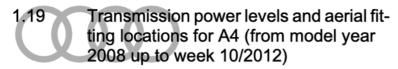
PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.





Saloon

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 54 MHz) with respect to the correctness	100 (PEP) of information in this c	Towing bracket Centre of rear lid
4 m band	20 (eff.)	Centre of roof (centre) Centre of roof, rear (15-30 cm from edge of rear window in centre of vehicle)
2 m band	50 (eff.)	Centre of roof (centre) Centre of roof, rear (15-30 cm from edge of rear window in centre of vehicle)
70 cm band	50 (eff.)	Centre of roof (centre) Centre of roof, rear (15-30 cm from edge of rear window in centre of vehicle)
Telephone, 900 MHz GSM	20 (PEP)	Centre of roof, rear (same as radio, telephone and navigation system aerial - R52-)
Telephone, 1800 MHz GSM	10 (PEP)	Centre of roof, rear (same as radio, telephone and navigation system aerial - R52-)

eff. = effective transmission power

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

Avant

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 54 MHz)	100 (PEP)	Towing bracket
4 m band	20 (eff.)	Centre of roof (centre) Centre of roof (rear)
2 m band	50 (eff.)	Centre of roof (centre) Centre of roof (rear)
70 cm band	50 (eff.)	Centre of roof (rear)
Telephone, 900 MHz GSM	20 (PEP)	Centre of roof (rear)
Telephone, 1800 MHz GSM	10 (PEP)	Centre of roof (rear)

eff. = effective transmission power

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.



1.20 Transmission power levels and aerial fitting locations for A4 (from week 11/2012 up to model year 2015)

Saloon

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 30 MHz)	100 (PEP)	Towing bracket
4 m band (6487.5 MHz)	20 (eff.)	Centre of roof (rear), centre of roof (centre)
2 m band (135175 MHz)	50 (eff.)	Centre of roof (rear), centre of roof (centre)
70 cm band (430480 MHz)	50 (eff.)	Centre of roof (rear)
TETRA (380390, 410420, 450470, 800825, 870876 MHz)	30 (PEP)	Centre of roof (rear)
Telephone, GSM (820980 MHz)	10 (PEP)	Centre of roof (rear)
Telephone, GSM (17001900 MHz)	5 (PEP)	Centre of roof (rear)
Telephone, UMTS network (19002100 MHz)	5 (PEP)	Centre of roof (rear)

eff. = effective transmission power

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

Avant

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 30 MHz)	100 (PEP)	Towing bracket
4 m band (6487.5 MHz)	20 (eff.)	Centre of roof (rear), centre of roof (centre)
2 m band (135175 MHz)	50 (eff.)	Centre of roof (rear), centre of roof (centre)
70 cm band (430480 MHz)	50 (eff.)	Centre of roof (rear)
TETRA (380390, 410420, 450470, 800825, 870876 MHz)	30 (PEP)	Centre of roof (rear)
Telephone, GSM (820980 MHz)	10 (PEP)	Centre of roof (rear)
Telephone, GSM (17001900 MHz)	5 (PEP)	Centre of roof (rear)
Telephone, UMTS network (19002100 MHz)	5 (PEP)	Centre of roof (rear)

eff. = effective transmission power

PEP = Peak Envelope Power

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If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.21 Transmission power levels and aerial fitting locations for A4 (from model year 2016 onwards)

Saloon

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 30 MHz)	100 (PEP)	Towing bracket
4 m band (6487.5 MHz)	20 (eff.)	Centre of roof (centre), centre of roof (rear)
2 m band (135175 MHz)	50 (eff.)	Centre of roof (centre), centre of roof (rear)
70 cm band (430480 MHz)	50 (eff.)	Centre of roof (rear)
TETRA (380390, 406420, 450470, 800825, 870876 MHz)	30 (PEP)	Centre of roof (rear)
Telephone, GSM (820980 MHz)	2 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
Telephone, GSM (17001900 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
Telephone, UMTS network (19002100 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
LTE (e-UTRA bands 1 to 41 and 44)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)

eff. = effective transmission power

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.



Designation cted by copyright	Pmax (Watt) rivate or	Specified aerial fitting locations n whole, is not
Shortwaven(≮130 MHz)s author	1100d(PER)) DI AG. AUD	Towing bracket arantee or accept any liability
4 m band (64 s 87 5 MHz)cor	20.(effs)of information	Centre of roof (centre), centre of roof (rear)
2 m band (135175 MHz)	50 (eff.)	Centre of roof (centre), centre of roof (rear)
70 cm band (430480 MHz)	50 (eff.)	Centre of roof (rear)



Designation	P _{max} (Watt)	Specified aerial fitting locations
TETRA (380390, 406420, 450470, 800825, 870876 MHz)	30 (PEP)	Centre of roof (rear)
Telephone, GSM (820980 MHz)	2 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
Telephone, GSM (17001900 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
Telephone, UMTS network (19002100 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
LTE (e-UTRA bands 1 to 41 and 44)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.22 Transmission power levels and aerial fitting locations for A4 Cabriolet (from model year 2003 onwards)

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 54 MHz)	10 (PEP)	Rear bumper
4 m band	10 (eff.)	Rear left wing
2 m band	10 (eff.)	Rear left wing
70 cm band	10 (eff.)	Rear left wing
Telephone, 450 MHz GSM, co	p10i(eff.)Copying for pr	Rear left wing rcial purposes, in part or in whole, is not
Telephone, 900 MHz GSM nle	10 (PEP) s a (thorised by AUDI A	Centre of rear lid Rear left wing
Telephone, 1800 MHz GSM	10 (PEP) tness of info	Centre of rear did Rear left wing

eff. = effective transmission power

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.



Transmission power levels and aerial fitting locations for A5 Coupé (from 1.23 model year 2008 up to week 10/2012)

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 54 MHz)	100 (PEP)	Towing bracket Centre of rear lid
4 m band	20 (eff.)	Centre of roof (centre) Centre of roof, rear (15-30 cm from edge of rear window in centre of vehicle)
2 m band	50 (eff.)	Centre of roof (centre) Centre of roof, rear (15-30 cm from edge of rear window in centre of vehicle)
70 cm band	50 (eff.)	Centre of roof (centre) Centre of roof, rear (15-30 cm from edge of rear window in centre of vehicle)
Telephone, 900 MHz GSM	20 (PEP)	Centre of roof (centre) Centre of roof, rear (same as radio, telephone and navigation system aerial - R52-)
Telephone, 1800 MHz GSM	10 (PEP)	Centre of roof (centre) Centre of roof, rear (same as radio, telephone and navigation system aerial - R52-)

eff. = effective transmission power

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

Transmission power levels and aerial fitting locations for A5 Coupé (from 1.24 week 11/2012 up to model year 2016)

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 30 MHz)	100 (PEP)	Towing bracket
4 m band (6487.5 MHz)	20 (eff.)	Centre of roof (rear), centre of roof (centre)
2 m band (135175 MHz)	50 (eff.)	Centre of roof (rear), centre of roof (centre)
70 cm band (430480 MHz)	50 (eff.)	Centre of roof (rear)
TETRA (380390, 410420, 450470, 800825, 870876 MHz)	, ,	Centre of roof (rear)
Telephone, GSM (820980 MHz)tted unless authorised by	10 (PEP) AUDI AG. AUDI AG doe	Centre of roof (rear) s not guarantee or accept any liability
Telephone: GSM correctness (17001900 MHz)	5 (REP) ation in this d	Centre of roof (gear) AUDI AG.
Telephone, UMTS network (19002100 MHz)	5 (PEP)	Centre of roof (rear)

eff. = effective transmission power

PEP = Peak Envelope Power





If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.25 Transmission power levels and aerial fitting locations for A5 Coupé (from model year 2017 onwards)

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 30 MHz)	100 (PEP)	Towing bracket
4 m band (6487.5 MHz)	20 (eff.)	Centre of roof (centre), centre of roof (rear)
2 m band (135175 MHz)	50 (eff.)	Centre of roof (centre), centre of roof (rear)
70 cm band (430480 MHz)	50 (eff.)	Centre of roof (rear)
TETRA (380390, 406420, 450470, 800825, 870876 MHz)	30 (PEP)	Centre of roof (rear)
Telephone, GSM (820980 MHz)	2 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
Telephone, GSM (17001900 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
Telephone, UMTS network (19002100 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
LTE (e-UTRA bands 1 to 41 and 44)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)

eff. = effective transmission power

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.26 Transmission power levels and aerial fitting locations for A5 Sportback (from model year 2010 up to week 10/2012)

Designation by copyright. Copyright	Pmaxp(Watt) or comm	Specified aerial fitting locations e, is not
Shortwave (< 54 MHz) or ised		Towing brackete or accept any liability Centre of rear lid.
4 m band	20 (eff.)	Centre of roof (centre) Centre of roof, rear (15-30 cm from edge of rear window in centre of vehicle)
2 m band	50 (eff.)	Centre of roof (centre) Centre of roof, rear (15-30 cm from edge of rear window in centre of vehicle)



Designation	P _{max} (Watt)	Specified aerial fitting locations
70 cm band	50 (eff.)	Centre of roof (centre) Centre of roof, rear (15-30 cm from edge of rear window in centre of vehicle)
Telephone, 900 MHz GSM	20 (PEP)	Centre of roof, rear (same as radio, telephone and navigation system aerial - R52-)
Telephone, 1800 MHz GSM	10 (PEP)	Centre of roof, rear (same as radio, telephone and navigation system aerial - R52-)

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

Operating permit for the vehicle may be void.

Operating permit for the vehicle may be void.

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1.27 Transmission power levels and aerial fitting locations for A5 Sportback (from week 11/2012 up to model year 2016)

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 30 MHz)	100 (PEP)	Towing bracket
4 m band (6487.5 MHz)	20 (eff.)	Centre of roof (rear), centre of roof (centre)
2 m band (135175 MHz)	50 (eff.)	Centre of roof (rear), centre of roof (centre)
70 cm band (430480 MHz)	50 (eff.)	Centre of roof (rear)
TETRA (380390, 410420, 450470, 800825, 870876 MHz)	30 (PEP)	Centre of roof (rear)
Telephone, GSM (820980 MHz)	10 (PEP)	Centre of roof (rear)
Telephone, GSM (17001900 MHz)	5 (PEP)	Centre of roof (rear)
Telephone, UMTS network (19002100 MHz)	5 (PEP)	Centre of roof (rear)

eff. = effective transmission power

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.28 Transmission power levels and aerial fitting locations for A5 Sportback (from model year 2017 onwards)

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 30 MHz)	100 (PEP)	Towing bracket
4 m band (6487.5 MHz)	20 (eff.)	Centre of roof (centre), centre of roof (rear)

		-

Designation	P _{max} (Watt)	Specified aerial fitting locations
2 m band (135175 MHz)	50 (eff.)	Centre of roof (centre), centre of roof (rear)
70 cm band (430 480 MHz)	50i (eff.) r private or co	Centre of roof (rear), part or in whole, is not
406420,		Centre of roof (rear) or accept any liability
450.w470;e800ct.825;he correc 870876 MHz)	tness of information in	this document. Copyright by AUDI AG.
Telephone, GSM (820980 MHz)	2 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
Telephone, GSM (17001900 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
Telephone, UMTS network (19002100 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
LTE (e-UTRA bands 1 to 41 and 44)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.29 Transmission power levels and aerial fitting locations for A5 Cabriolet (from model year 2009 up to week 10/2012)

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 54 MHz)	100 (PEP)	Rear bumper/rear lid
4 m band	20 (eff.)	Centre of rear lid, rear left wheel housing
2 m band	50 (eff.)	Centre of rear lid, rear left wheel housing
70 cm band	50 (eff.)	Centre of rear lid, rear left wheel housing
Telephone, 900 MHz GSM	20 (PEP)	Centre of rear lid, rear left wheel housing
Telephone, 1800 MHz GSM	10 (PEP)	Centre of rear lid, rear left wheel housing

eff. = effective transmission power

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.



1.30 Transmission power levels and aerial fitting locations for A5 Cabriolet (from week 11/2012 up to week 44/2016)

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 30 MHz)	10 (PEP)	Towing bracket
4 m band (6487.5 MHz)	10 (eff.)	Centre of rear lid, rear left wheel housing
2 m band (135175 MHz)	10 (eff.)	Centre of rear lid, rear left wheel housing
70 cm band (430480 MHz)	10 (eff.)	Centre of rear lid, rear left wheel housing
Telephone, GSM (820980 MHz)	10 (PEP)	Centre of rear lid, rear left wheel housing
Telephone, GSM (17001900 MHz)	5 (PEP)	Centre of rear lid, rear left wheel housing
Telephone, UMTS network (19002100 MHz)	5 (PEP)	Centre of rear lid, rear left wheel housing

eff. = effective transmission power

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

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operating permit for the vehicle may be void.

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1.31 Transmission power levels and aerial fitting locations for A5 Cabriolet (from week 45/2016 onwards)

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 30 MHz)	10 (PEP)	Towing bracket
4 m band (6487.5 MHz)	10 (eff.)	Rear lid
2 m band (135175 MHz)	10 (eff.)	Rear lid
70 cm band (430480 MHz)	10 (eff.)	Rear lid
TETRA (380390, 406420, 450470, 800825, 870876 MHz)	10 (PEP)	Rear lid
Telephone, GSM (820980 MHz)	2 (PEP)	Rear lid Left/right section of rear bumper (fitting location as standard aerial)
Telephone, GSM (17001900 MHz)	1 (PEP)	Rear lid Left/right section of rear bumper (fitting location as standard aerial)
Telephone, UMTS network (19002100 MHz)	1 (PEP)	Rear lid Left/right section of rear bumper (fitting location as standard aerial)
LTE (e-UTRA bands 1 to 41 and 44)	1 (PEP)	Rear lid Left/right section of rear bumper (fitting location as standard aerial)

eff. = effective transmission power

PEP = Peak Envelope Power





If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.32 Transmission power levels and aerial fitting locations for A6 (from model year 1998 up to model year 2004)

Saloon

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 54 MHz)	100 (PEP)	Centre of rear lid Rear bumper
4 m band	20 (eff.)	Rear of roof (22 cm from edge of window in centre of vehicle) Rear left wing
2 m band	50 (eff.)	Centre of rear lid Rear bumper Rear right wing
2 m band	20 (eff.)	Rear of roof (22 cm from edge of window in centre of vehicle) Rear left or right wing
70 cm band	50 (eff.)	Centre of rear lid Rear right wing
Telephone, 450 MHz GSM	25 (eff.)	Rear left or right wing Rear window, top edge of window "On-Glass"
Telephone, 900 MHz GSM	20 (PEP)	Rear left wing Rear window, top edge of window "On-Glass" Rear left or right side window
Telephone, 1800 MHz GSM	10 (PEP)	Rear left wing Rear window, top edge of window "On-Glass" Rear left or right side window

eff. = effective transmission power

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial s, in part or in whole, is not is not fitted at one of the locations specified in the table, the antee or accept any liability operating permit for the vehicle may be void.

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Avant

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 54 MHz)	100 (PEP)	Centre of roof (rear) Rear bumper
4 m band	20 (eff.)	Centre of roof (rear)
2 m band	50 (eff.)	Centre of roof (rear) Rear right side panel



Designation	P _{max} (Watt)	Specified aerial fitting locations
2 m band	20 (eff.)	Centre of roof (rear) Rear left or right side panel
70 cm band	50 (eff.)	Centre of roof (rear) Rear right side panel
Telephone, 450 MHz GSM	25 (eff.)	Centre of roof, rear (same as radio, telephone and navigation system aerial - R52-) Rear left or right side window "On-Glass"
Telephone, 900 MHz GSM	20 (PEP)	Centre of roof, rear (same as radio, telephone and navigation system aerial - R52-) Rear left or right side window "On-Glass"
Telephone, 1800 MHz GSM	10 (PEP)	Centre of roof, rear (same as radio, telephone and navigation system aerial - R52-) Rear left or right side window "On-Glass"

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.33 Transmission power levels and aerial fitting locations for A6 (from model year 2005 up to model year 2010)

Saloon

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 54 MHz) Protected by copy	100 (PEP) right. Copying for priva	Rear bumper Edge:of:roof:(centre):near, rear:window.whole, is not
İ	20t(eff.)ed by AUDI AC	Rear left wing not guarantee or accept any liability Edge of roof (centre) near rear window
2 m band with respect to the	50 (eff.)	Rear left wing Edge of roof (centre) near rear window
70 cm band	50 (eff.)	Rear left wing Edge of roof (centre) near rear window
Telephone, 900 MHz GSM	20 (PEP)	Rear left wing Edge of roof (centre) near rear window
Telephone, 1800 MHz GSM	10 (PEP)	Rear left wing Edge of roof (centre) near rear window

eff. = effective transmission power

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.



Avant

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 54 MHz)	100 (PEP)	Rear bumper Edge of roof (centre) near rear window
4 m band	20 (eff.)	Rear left side panel Edge of roof (centre) near rear window
2 m band	50 (eff.)	Rear left side panel Edge of roof (centre) near rear window
70 cm band	50 (eff.)	Rear left side panel Edge of roof (centre) near rear window
Telephone, 900 MHz GSM	20 (PEP)	Rear left side panel Edge of roof (centre) near rear window
Telephone, 1800 MHz GSM permitted	10 (PEP) unless authorised by Al	Rear left side panel Edge of roof (centre) near rear window cept any liability

eff. = effective transmission power to the correctness of information in this document. Copyright by AUDI AG.

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.34 Transmission power levels and aerial fitting locations for A6 (from model year 2011 up to model year 2012)

Saloon

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 30 MHz)	100 (PEP)	Centre of rear lid
4 m band (6487.5 MHz)	20 (eff.)	Centre of roof, rear Rear left wing (10 to 30 cm from rear edge of vehicle)
2 m band (135175 MHz)	50 (eff.)	Centre of roof, rear Rear left wing (10 to 30 cm from rear edge of vehicle)
70 cm band (430480 MHz)	50 (eff.)	Centre of roof, rear Rear left wing (10 to 30 cm from rear edge of vehicle)
Telephone, GSM (820980 MHz)	20 (PEP)	Centre of roof, rear (position for standard roof aerial)
Telephone, GSM (17001900 MHz)	10 (PEP)	Centre of roof, rear (position for standard roof aerial)

eff. = effective transmission power

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.



Avant

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 30 MHz)	100 (PEP)	Towing bracket
4 m band (6487.5 MHz)	20 (eff.)	Centre of roof, rear (near rear window) Rear left wing (10 to 30 cm from rear edge of vehicle)
2 m band (135175 MHz)	50 (eff.)	Centre of roof, rear (near rear window) Rear left wing (10 to 30 cm from rear edge of vehicle)
70 cm band (430480 MHz)	50 (eff.)	Centre of roof, rear (near rear window) Rear left wing (10 to 30 cm from rear edge of vehicle)
Telephone, GSM (820980 MHz)	20 (PEP)	Centre of roof, rear (position for standard roof aerial)
Telephone, GSM (17001900 MHz)	10 (PEP)	Centre of roof, rear (position for standard roof aerial)

eff. = effective transmission power

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.35 Transmission power levels and aerial fitting locations for A6 (from model year 2013 up to model year 2014)

Saloon

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 30 MHz)	100 (PEP)	Centre of rear lid
4 m band (6487.5 MHz)	20 (eff.)	Centre of roof, rear Rear left wing (10 to 30 cm from rear edge of vehicle)
2 m band (135175 MHz)	50 (eff.)	Centre of roof, rear Rear left wing (10 to 30 cm from rear edge of vehicle)
70 cm band (430480 MHz)	50 (eff.)	Centre of roof, rear Rear left wing (10 to 30 cm from rear edge of vehicle)
TETRA (380390, 406420, 450470, 800825, 870876 MHz)	30 (PEP)	Centre of roof, rear Rear left wing (10 to 30 cm from rear edge of vehicle)
Telephone, GSM (820980 MHz)	20 (PEP)	Centre of roof, rear (position for standard roof aerial)
Telephone, GSM (17001900 MHz)	10 (PEP)	Centre of roof, rear (position for standard roof aerial)
Telephone, UMTS network (19002100 MHz)	10 (PEP)	Centre of roof, rear (position for standard roof aerial)

eff. = effective transmission power

PEP = Peak Envelope Power

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If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

Avant

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 30 MHz)	100 (PEP)	Towing bracket
4 m band (6487.5 MHz)	20 (eff.)	Centre of roof, rear (near rear window) Rear left wing (10 to 30 cm from rear edge of vehicle)
2 m band (135175 MHz)	50 (eff.)	Centre of roof, rear (near rear window) Rear left wing (10 to 30 cm from rear edge of vehicle)
70 cm band (430480 MHz)	50 (eff.)	Centre of roof, rear (near rear window) Rear left wing (10 to 30 cm from rear edge of vehicle)
TETRA (380390, 406420, 450470, 800825, 870876 MHz)	30 (PEP)	Centre of roof, rear (near rear window) Rear left wing (10 to 30 cm from rear edge of vehicle)
Telephone, GSM (820980 MHz)	20 (PEP)	Centre of roof, rear (position for standard roof aerial)
Telephone, GSM (17001900 MHz)	10 (PEP)	Centre of roof, rear (position for standard roof aerial)
Telephone, UMTS network (19002100 MHz)	10 (PEP)	Centre of roof, rear (position for standard roof aerial)

eff. = effective transmission power

PEP = Peak Envelope Powerected by copyright. Copying for private or commercial purposes, in part or in whole, is not



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If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.36 Transmission power levels and aerial fitting locations for A6 (from model year 2015 up to model year 2018)

Saloon

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 30 MHz)	100 (PEP)	Towing bracket
4 m band (6487.5 MHz)	20 (eff.)	Centre of roof, rear (near rear window) Rear left wing (10 to 30 cm from rear edge of vehicle)
2 m band (135175 MHz)	50 (eff.)	Centre of roof, rear (near rear window) Rear left wing (10 to 30 cm from rear edge of vehicle)
70 cm band (430480 MHz)	50 (eff.)	Centre of roof, rear (near rear window) Rear left wing (10 to 30 cm from rear edge of vehicle)
TETRA (380390, 406420, 450470, 800825, 870876 MHz)	30 (PEP)	Centre of roof, rear (near rear window) Rear left wing (10 to 30 cm from rear edge of vehicle)



Designation	P _{max} (Watt)	Specified aerial fitting locations
Telephone, GSM (820980 MHz)	2 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
Telephone, GSM (17001900 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
Telephone, UMTS network (19002100 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
LTE (e-UTRA bands 1 to 41 and 44)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

Avant

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 30 MHz)	100 (PEP)	Towing bracket
4 m band (6487.5 MHz)	20 (eff.)	Centre of roof, rear (near rear window) Rear left wing (10 to 30 cm from rear edge of vehicle)
2-m-band-(135-y-175-MHz)/in	AUDIAC AUDIAC	Centre of roof, rear (near rear window) Rear left wing (10 to 30 cm from rear edge of vehicle)
70 cm band (430480 MHz) with respect to the correctness	50 (eff.) of information in this	Centre of roof, rear (near rear window) Rear left wing (10 to 30 cm from rear edge of vehicle)
TETRA (380390, 406420, 450470, 800825, 870876 MHz)	30 (PEP)	Centre of roof, rear (near rear window) Rear left wing (10 to 30 cm from rear edge of vehicle)
Telephone, GSM (820980 MHz)	2 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
Telephone, GSM (17001900 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
Telephone, UMTS network (19002100 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
LTE (e-UTRA bands 1 to 41 and 44)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)

eff. = effective transmission power

PEP = Peak Envelope Power





If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

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with respect to the correctness of information in this document. Copyright by AUDI AG. 1.37 Transmission power levels and aerial fitting locations for A6 (from model year 2019 onwards)

Saloon

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 30 MHz)	100 (PEP)	Towing bracket
4 m band (6487.5 MHz)	20 (eff.)	Centre of roof (centre), centre of roof (rear)
2 m band (135175 MHz)	50 (eff.)	Centre of roof (centre), centre of roof (rear)
70 cm band (430480 MHz)	50 (eff.)	Centre of roof (rear)
TETRA (380390, 406420, 450470, 800825, 870876 MHz)	30 (PEP)	Centre of roof (rear)
Telephone, GSM (820980 MHz)	2 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
Telephone, GSM (17001900 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
Telephone, UMTS network (19002100 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
LTE (e-UTRA bands 1 to 41 and 44)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)

eff. = effective transmission power

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

Avant

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 30 MHz)	100 (PEP)	Towing bracket
4 m band (6487.5 MHz)	20 (eff.)	Centre of roof (centre), centre of roof (rear)
2 m band (135175 MHz)	50 (eff.)	Centre of roof (centre), centre of roof (rear)
70 cm band (430480 MHz)	50 (eff.)	Centre of roof (rear)



Designation	P _{max} (Watt)	Specified aerial fitting locations
TETRA (380390, 406420, 450470, 800825, 870876 MHz)	30 (PEP)	Centre of roof (rear)
Telephone, GSM (820980 MHz)	2 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
Telephone, GSM (17001900 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
Telephone, UMTS network (19002100 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
LTE (e-UTRA bands 1 to 41 and 44)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.38 Transmission power levels and aerial fitting locations for A7 Sportback (from model year 2011 up to model year 2012)

Designation		P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 54 MHz)		100 (PEP)	Towing bracket
4 m band		20 (eff.)	Centre of roof, rear (near rear window) Rear left wing (10 to 30 cm from rear edge of vehicle)
2 m band		50 (eff.) Copying for pr s authorised by AUDI A	Centre of roof, rear (near rear window) whole, is not Rear left wing (10 to 30 cm from rear edge of vehicle)
70 cm band	with respect to	t 50 (eff.) ctness of info	Centre of roof, rear (near rear window) DI AG Rear left wing (10 to 30 cm from rear edge of vehicle)
Telephone, 9	00 MHz GSM	20 (PEP)	Centre of roof, rear (position for roof aerial - R216- , standard)
Telephone, 1	800 MHz GSM	10 (PEP)	Centre of roof, rear (position for roof aerial - R216- , standard)

eff. = effective transmission power

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.



1.39 Transmission power levels and aerial fitting locations for A7 Sportback (from model year 2013 up to model year 2014)

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 30 MHz)	100 (PEP)	Towing bracket
4 m band (6487.5 MHz)	20 (eff.)	Centre of roof, rear (near rear window) Rear left wing (10 to 30 cm from rear edge of vehicle)
2 m band (135175 MHz)	50 (eff.)	Centre of roof, rear (near rear window) Rear left wing (10 to 30 cm from rear edge of vehicle)
70 cm band (430480 MHz)	50 (eff.)	Centre of roof, rear (near rear window) Rear left wing (10 to 30 cm from rear edge of vehicle)
TETRA (380390, 406420, 450470, 800825, 870876 MHz)	30 (PEP)	Centre of roof, rear (near rear window) Rear left wing (10 to 30 cm from rear edge of vehicle)
Telephone, GSM (820980 MHz)	20 (PEP)	Centre of roof, rear (position for standard roof aerial)
Telephone, GSM (17001900 MHz)	10 (PEP)	Centre of roof, rear (position for standard roof aerial)
Telephone, UMTS network (19002100 MHz)	10 (PEP)	Centre of roof, rear (position for standard roof aerial)

eff. = effective transmission power

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.40 Transmission power levels and aerial fitting locations for A7 Sportback (from model year 2015 up to model year 2018)

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 30 MHz)	100 (PEP)	Towing bracket
4 m band (6487.5 MHz)	20 (eff.)	Centre of roof, rear (near rear window) Rear left wing (10 to 30 cm from rear edge of vehicle)
2 m band (135175 MHz) ermitted unless authorised by	50 (eff.) AUDI AG. AUDI AG doe	Centre of roof, rear (near rear window) Rear left wing (10 to 30 cm from rear edge of vehicle)
70 cm band (430480 MHz)	50 (eff.) ation in this d	Centre of roof, rear (near rear window) Rear left wing (10 to 30 cm from rear edge of vehicle)
TETRA (380390, 406420, 450470, 800825, 870876 MHz)	30 (PEP)	Centre of roof, rear (near rear window) Rear left wing (10 to 30 cm from rear edge of vehicle)
Telephone, GSM (820980 MHz)	2 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
Telephone, GSM (17001900 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
Telephone, UMTS network (19002100 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)



Designation	P _{max} (Watt)	Specified aerial fitting locations
LTE (e-UTRA bands 1 to 41 and 44)	, ,	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

Transmission power levels and aerial fitting locations for A7 (from model 1.41 permitted unlocated by AUDI AG. AUDI AG does not guarantee or accept any liability year 2019 onwards)

Designation with respect to the cou	P _{max} (Watt)	n in this document. Copyright by AUDI AG. Specified aerial fitting locations
Shortwave (< 30 MHz)	100 (PEP)	Towing bracket
4 m band (6487.5 MHz)	20 (eff.)	Centre of roof (centre), centre of roof (rear)
2 m band (135175 MHz)	50 (eff.)	Centre of roof (centre), centre of roof (rear)
70 cm band (430480 MHz)	50 (eff.)	Centre of roof (rear)
TETRA (380390, 406420, 450470, 800825, 870876 MHz)	30 (PEP)	Centre of roof (rear)
Telephone, GSM (820980 MHz)	2 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
Telephone, GSM (17001900 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
Telephone, UMTS network (19002100 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
LTE (e-UTRA bands 1 to 41 and 44)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)

eff. = effective transmission power

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.



1.42 Transmission power levels and aerial fitting locations for A8 (from model year 1994 up to model year 2002)

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 54 MHz)	100 (PEP)	Rear bumper
4 m band	20 (eff.)	Rear right wing
2 m band	50 (eff.)	Rear bumper Rear right wing
2 m band	20 (eff.)	Rear left or right wing
70 cm band	50 (eff.)	Rear right wing
Telephone, 450 MHz GSM	25 (eff.)	Rear left or right wing Rear window, top edge of window "On-Glass"
Telephone, 900 MHz GSM	20 (PEP)	Rear left wing Rear window, top edge of window "On-Glass" Rear left or right side window
Telephone, 1800 MHz GSM	10 (PEP)	Rear left wing Rear window, top edge of window "On-Glass" Rear left or right side window

eff. = effective transmission power

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

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1.43 Transmission power-levels and aerial fitting locations for A8 (from model year 2003 up to model year 2009)

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 54 MHz)	100 (PEP)	Towing bracket
4 m band	20 (eff.)	Rear left or right wing
2 m band	50 (eff.)	Rear left or right wing
70 cm band	50 (eff.)	Rear right wing
Telephone, 900 MHz GSM	20 (PEP)	Rear left wing Top right of rear window (in black area) "On-Glass"
Telephone, 1800 MHz GSM	10 (PEP)	Rear left wing Top right of rear window (in black area) "On-Glass"

eff. = effective transmission power

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.



1.44 Transmission power levels and aerial fitting locations for A8 (from model year 2010 up to model year 2012)

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 54 MHz)	100 (PEP)	Towing bracket
4 m band	20 (eff.)	Rear left or right wing
2 m band	50 (eff.)	Rear left or right wing
70 cm band	50 (eff.)	Rear right wing
Telephone, 900 MHz GSM	20 (PEP)	Centre of roof, rear (position for roof aerial - R216-)
Telephone, 1800 MHz GSM	10 (PEP)	Centre of roof, rear (position for roof aerial - R216-)

eff. = effective transmission power

PEP = Peak Envelope Power

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is not fitted at one of the locations specified in the table, the coument. Copyright by AUDI AG. operating permit for the vehicle may be void.

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If transceivers with higher output are installed, or if the aerial

1.45 Transmission power levels and aerial fitting locations for A8 (from week 22/2012 up to week 35/2013)

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 30 MHz)	100 (PEP)	Towing bracket
4 m band (6487.5 MHz)	20 (eff.)	Rear left wing or rear right wing (10 to 30 cm from rear edge of vehicle)
2 m band (135175 MHz)	50 (eff.)	Rear left wing or rear right wing (10 to 30 cm from rear edge of vehicle)
70 cm band (430480 MHz)	50 (eff.)	Rear left wing or rear right wing (10 to 30 cm from rear edge of vehicle)
TETRA (380390, 410420, 450470, 800825, 870876 MHz)	30 (PEP)	Centre of roof, rear Rear left wing or rear right wing (10 to 30 cm from rear edge of vehicle)
Telephone, GSM (820980 MHz)	20 (PEP)	Centre of roof, rear (position for standard roof aerial) Left/right section of bumper (on bolt connection for lon- gitudinal member) Centre of bumper
Telephone, GSM (17001900 MHz)	10 (PEP)	Centre of roof, rear (position for standard roof aerial) Left/right section of bumper (on bolt connection for lon- gitudinal member) Centre of bumper
Telephone, UMTS network (19002100 MHz)	10 (PEP)	Centre of roof, rear (position for standard roof aerial) Left/right section of bumper (on bolt connection for lon- gitudinal member) Centre of bumper

eff. = effective transmission power





If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.46 Transmission power levels and aerial fitting locations for A8 (from week 36/2013 up to model year 2017)

Designation	P _{max} (Watt)	Specified aerial fitting locations	
Shortwave (< 30 MHz)	100 (PEP)	Towing bracket	
4 m band (6487.5 MHz)	20 (eff.)	Rear left wing/rear right wing (10 to 30 cm from rear edge of vehicle)	
2 m band (135175 MHz)	50 (eff.)	Rear left wing/rear right wing (10 to 30 cm from rear edge of vehicle)	
70 cm band (430480 MHz)	50 (eff.)	Rear left wing/rear right wing (10 to 30 cm from rear edge of vehicle)	
TETRA (380390, 406.p420c 450470, 800825, 870876 MHz)	30 (PEP) yright. Copyi ted unless authorised l	Centre of roof, rearmercial purposes, in part or in whole, Rear left wing/rear right wing (10 to 30 cm from rear edge of vehicle) AG does not guarantee or accept any liab	is no ility
Telephone, GSM (820980 re MHz)	20: (PEP) ne correctne:	Centre of roof, rear (position for standard roof/aerial) Rear left wing/rear right wing (10 to 30 cm from rear edge of vehicle) Rear left/right section of bumper (fitting location as standard aerial)	
Telephone, GSM (17001900 MHz)	10 (PEP)	Centre of roof, rear (position for standard roof aerial) Rear left wing/rear right wing (10 to 30 cm from rear edge of vehicle) Rear left/right section of bumper (fitting location as standard aerial)	
Telephone, UMTS network (19002100 MHz)	10 (PEP)	Centre of roof, rear (position for standard roof aerial) Rear left wing/rear right wing (10 to 30 cm from rear edge of vehicle) Rear left/right section of bumper (fitting location as standard aerial)	

eff. = effective transmission power

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.47 Transmission power levels and aerial fitting locations for A8 (from model year 2018 onwards)

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 30 MHz)	100 (PEP)	Towing bracket
4 m band (6487.5 MHz)	20 (eff.)	Centre of roof (centre), centre of roof (rear)
2 m band (135175 MHz)	50 (eff.)	Centre of roof (centre), centre of roof (rear)



Designation	P _{max} (Watt)	Specified aerial fitting locations
70 cm band (430480 MHz)	50 (eff.)	Centre of roof (rear)
TETRA (380390, 406420, 450470, 800825, 870876 MHz)	30 (PEP)	Centre of roof (rear)
Telephone, GSM (820980 MHz)	2 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right/centre section of rear bumper (fitting location as standard aerial)
Telephone, GSM (17001900 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right/centre section of rear bumper (fitting location as standard aerial)
Telephone, UMTS network (19002100 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right/centre section of rear bumper (fitting location as standard aerial)
LTE (e-UTRA bands 1 to 41 and 44)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right/centre section of rear bumper (fitting location as standard aerial)

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void y AUDI AG. AUDI AG does not guarantee or accept any liability

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1.48 Transmission power levels and aerial fitting locations for Q2 (from model year 2017 onwards)

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 30 MHz)	100 (PEP)	Towing bracket
4 m band (6487.5 MHz)	20 (eff.)	Centre of roof (rear)
2 m band (135175 MHz)	50 (eff.)	Centre of roof (rear)
70 cm band (430480 MHz)	50 (eff.)	Centre of roof (rear)
TETRA (380390, 406420, 450470, 800825, 870876 MHz)	30 (PEP)	Centre of roof (rear)
Telephone, GSM (820980 MHz)	2 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
Telephone, GSM (17001900 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
Telephone, UMTS network (19002100 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
LTE (e-UTRA bands 1 to 41 and 44)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)

eff. = effective transmission power





If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.49 Transmission power levels and aerial fitting locations for Q3 (from model year 2012 up to model year 2014)

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 30 MHz)	100 (PEP)	Towing bracket
4 m band (6487.5 MHz)	20 (eff.)	Centre of roof (rear), centre of roof (centre)
2 m band (135175 MHz)	50 (eff.)	Centre of roof (rear), centre of roof (centre)
70 cm band (430480 MHz)	50 (eff.)	Centre of roof (rear)
TETRA (380390, 410420, 450470, 800825, 870876 MHz)	30 (PEP)	Centre of roof (rear)
Telephone, GSM (820980 MHz)	10 (PEP)	Centre of roof (rear)
Telephone, GSM (17001900 MHz)	5 (PEP)	Centre of roof (rear)
	5 (PEP) unless authorised by Al	Centre of roof (rear) DI AG. AUDI AG does not guarantee or accept any liability

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PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.50 Transmission power levels and aerial fitting locations for Q3 (from model year 2015 up to model year 2018)

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 30 MHz)	100 (PEP)	Towing bracket
4 m band (6487.5 MHz)	20 (eff.)	Centre of roof (rear)
2 m band (135175 MHz)	50 (eff.)	Centre of roof (rear)
70 cm band (430480 MHz)	50 (eff.)	Centre of roof (rear)
TETRA (380390, 406420, 450470, 800825, 870876 MHz)	30 (PEP)	Centre of roof (rear)
Telephone, GSM (820980 MHz)	2 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
Telephone, GSM (17001900 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)



Designation	P _{max} (Watt)	Specified aerial fitting locations
Telephone, UMTS network (19002100 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
LTE (e-UTRA bands 1 to 41 and 44)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.51 Transmission power levels and aerial fitting locations for Q3 (from model year 2019 onwards)

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave/CB radio (< 30 MHz)	100 (PEP) opyright. Copying for p	Towing bracket rivate or commercial purposes, in part or in whole, is not
4 m band (6887:51MHz)unl	20 (eff) rised by AUDI	Centre of roof (centre) centre of roof (rear) liability
2 m band (144.w/1774 MHz)t to	50 (eff.) ectness of inf	Centre of roof (centre), centre of roof (rear) AG.
70 cm band (410470 MHz)	50 (eff.)	Centre of roof (rear)
TETRA (380395, 406420, 450460, 806825, 870876 MHz)	30 (PEP)	Centre of roof (rear)
Telephone, GSM (824850 MHz, 876915 MHz)	2 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Roof spoiler (right-side) (fitting location as standard aerial) I Left/right section of rear bumper (fitting location as standard aerial)
Telephone, GSM (17101785 MHz, 18501910 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Roof spoiler (right-side) (fitting location as standard aerial) I Left/right section of rear bumper (fitting location as standard aerial)
Telephone, UMTS network (18852025 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Roof spoiler (right-side) (fitting location as standard aerial) I Left/right section of rear bumper (fitting location as standard aerial)
LTE (e-UTRA bands 1 to 41 and 44)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Roof spoiler (right-side) (fitting location as standard aerial) I Left/right section of rear bumper (fitting location as standard aerial)

eff. = effective transmission power





If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.52 Transmission power levels and aerial fitting locations for Q5 (from model year 2008 up to model year 2012)

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 54 MHz)	100 (PEP)	Towing bracket
4 m band	20 (eff.)	Centre of roof (centre) Centre of roof (rear)
2 m band	50 (eff.)	Centre of roof (centre) Centre of roof (rear)
70 cm band	50 (eff.)	Centre of roof (rear)
Telephone, 900 MHz GSM	20 (PEP)	Centre of roof (rear)
Telephone, 1800 MHz GSM	10 (PEP)	Centre of roof (rear)

eff. = effective transmission power

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.53 Transmission power levels and aerial fitting locations for Q5 (from model year 2013 up to model year 2016)

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 30 MHz)	100 (PEP)	Towing bracket
4 m band (6487.5 MHz)	20 (eff.)	Centre of roof (rear), centre of roof (centre)
2 m band (135175 MHz)	50 (eff.)	Centre of roof (rear), centre of roof (centre)
70 cm band (430480 MHz)	50 (eff.)	Centre of roof (rear)
TETRA (380390, 410420, 450470, 800825, 870876 MHz)	30 (PEP)	Centre of roof (rear)
Telephone, GSM (820980 MHz)	10 (PEP)	Centre of roof (rear)
Telephone, GSM (17001900 MHz)	5 (PEP)	Centre of roof (rear)
Telephone, UMTS network (19002100 MHz)	5 (PEP)	Centre of roof (rear)

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If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.54 Transmission power levels and aerial fitting locations for Q5 (from model year 2017 onwards)

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 30 MHz)	100 (PEP)	Towing bracket
4 m band (6487.5 MHz)	20 (eff.)	Centre of roof (centre), centre of roof (rear)
2 m band (135175 MHz)	50 (eff.)	Centre of roof (centre), centre of roof (rear)
70 cm band (430480 MHz)	50 (eff.)	Centre of roof (rear)
TETRA (380390, 406420, 450470, 800825, 870876 MHz)	30 (PEP)	Centre of roof (rear)
Telephone, GSM (820980 MHz)	2 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
Telephone, GSM (17001900 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
Telephone, UMTS network (19002100 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
LTE (e-UTRA bands 1 to 41 and 44) Protected b	1 (PEP) y copyright. Copying fo	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)

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WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.55 Transmission power levels and aerial fitting locations for Q7 (from model year 2007 up to model year 2012)

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 54 MHz)	100 (PEP)	Towing bracket
4 m band	20 (eff.)	Centre of roof (centre) Centre of roof (rear)
2 m band	50 (eff.)	Centre of roof (centre) Centre of roof (rear)
70 cm band	50 (eff.)	Centre of roof (rear)
Telephone, 900 MHz GSM	20 (PEP)	Centre of roof (rear)



Designation	P _{max} (Watt)	Specified aerial fitting locations
Telephone, 1800 MHz GSM	10 (PEP)	Centre of roof (rear)

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.56 Transmission power levels and aerial fitting locations for Q7 (from model year 2013 up to model year 2015)

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 30 MHz)	100 (PEP)	Towing bracket
4 m band (6487.5 MHz)	20 (eff.)	Centre of roof (rear), centre of roof (centre)
2 m band (135175 MHz)	50 (eff.)	Centre of roof (rear), centre of roof (centre)
70 cm band (430480 MHz)	50 (eff.)	Centre of roof (rear)
TETRA (380390, 410420, 450470, 800825, 870876 MHz)	30 (PEP)	Centre of roof (rear)
Telephone, GSM (820980 MHz)	20 (PEP)	Centre of roof, rear (position for standard roof aerial)
Telephone, GSM (17001900 MHz)	10 (PEP)	Centre of roof, rear (position for standard roof aerial)
Telephone, UMTS network (19002100 MHz)	10 (PEP)	Centre of roof, rear (position for standard roof aerial)

eff. = effective transmission power

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ntee or accept any liability

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.57 Transmission power levels and aerial fitting locations for Q7 (from model year 2016 onwards)

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 30 MHz)	100 (PEP)	Towing bracket
4 m band (6487.5 MHz)	20 (eff.)	Centre of roof (centre), centre of roof (rear)
2 m band (135175 MHz)	50 (eff.)	Centre of roof (centre), centre of roof (rear)
70 cm band (430480 MHz)	50 (eff.)	Centre of roof (rear)



Designation	P _{max} (Watt)	Specified aerial fitting locations
TETRA (380390, 406420, 450470, 800825, 870876 MHz)	30 (PEP)	Centre of roof (rear)
Telephone, GSM (820980 MHz)	2 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
Telephone, GSM (17001900 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
Telephone, UMTS network (19002100 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
LTE (e-UTRA bands 1 to 41 and 44)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

Transmission power levels and aerial fitting locations for Q8 (from model 1.58 year 2019 onwards)

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 30 MHz)	100 (PEP)	Towing bracket
4 m band (6487.5 MHz)	20 (eff.)	Centre of roof (centre), centre of roof (rear)
2 m band (135:a:1-75-MHz):p	50 g (eff() opying for priv	Centre of roof (centre); centre of roof (rear)le, is not
70 cm band (430,480 MHz)	50 (eff.) sed by AUDI A	Centre of roof (rear) uarantee or accept any liability
TETRA (380390, 406420, 450470, 800825, 870876 MHz)	30 (PEP) Te correctiness of inform	Centre of roof (rear) nt. Copyright by AUDI AG.
Telephone, GSM (820980 MHz)	2 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
Telephone, GSM (17001900 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
Telephone, UMTS network (19002100 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
LTE (e-UTRA bands 1 to 41 and 44)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)

eff. = effective transmission power





If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.59 Transmission power levels and aerial fitting locations for R8 (from model year 2007 up to model year 2015)

Designation	P _{max} (Watt)	Specified aerial fitting locations
CB radio (11 m band)	25 (PEP)	Centre of roof (rear)
2 m band	25 (eff.)	Centre of roof (rear)
70 cm band	25 (eff.)	Centre of roof (rear)
23 cm band	10 (PEP)	Centre of roof (rear)
Telephone, 900 MHz GSM	20 (PEP)	Centre of roof (rear)
Telephone, 1800 MHz GSM	10 (PEP)	Centre of roof (rear)

eff. = effective transmission power

PEP = Peak Envelope Power



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not guarantee or accept any liability

1.60 Transmission power levels and aerial fitting locations for R8 (from model year 2016 onwards)

Designation	P _{max} (Watt)	Specified aerial fitting locations
CB radio (11 m band)	25 (PEP)	Centre of roof (rear)
2 m band (135175 MHz)	25 (eff.)	Centre of roof (rear)
70 cm band (430480 MHz)	25 (eff.)	Centre of roof (rear)
Telephone, GSM (820980 MHz)	2 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
Telephone, GSM (17001900 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
Telephone, UMTS network (19002100 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
LTE (e-UTRA bands 1 to 41 and 44)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)

eff. = effective transmission power





If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.61 Transmission power levels and aerial fitting locations for R8 Spyder (from model year 2010 up to model year 2016)

Designation	P _{max} (Watt)	Specified aerial fitting locations
CB radio (11 m band)	10 (PEP)	Rear left or right wing
2 m band	10 (eff.)	Rear left or right wing
70 cm band	10 (eff.)	Rear left or right wing
23 cm band	10 (PEP)	Rear left or right wing
Telephone, 900 MHz GSM	10 (PEP)	Rear left or right wing
Telephone, 1800 MHz GSM	10 (PEP)	Rear left or right wing

eff. = effective transmission power

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.62 Transmission power levels and aerial fitting locations for R8 Spyder (from model year 2017 onwards)

Designation Protected I	Pmax (Watt)	Specified aerial fitting locations
CB radio (11 m band)	10 (PEP)	Rear-left wing does not guarantee or accept any liability
2 m band (135175 MHz)	10 (eff.)	Rear left wing intermation in this document. Copyright by AUDI AG.
70 cm band (430480 MHz)	10 (eff.)	Rear left wing
Telephone, GSM (820980 MHz)	2 (PEP)	Rear left wing Left/right section of front bumper (fitting location as standard aerial)
Telephone, GSM (17001900 MHz)	1 (PEP)	Rear left wing Left/right section of front bumper (fitting location as standard aerial)
Telephone, UMTS network (19002100 MHz)	1 (PEP)	Rear left wing Left/right section of front bumper (fitting location as standard aerial)
LTE (e-UTRA bands 1 to 41 and 44)	1 (PEP)	Rear left wing Left/right section of front bumper (fitting location as standard aerial)

eff. = effective transmission power





If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.63 Transmission power levels and aerial fitting locations for TT (from model year 1999 up to model year 2006)

Coupé

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 54 MHz)	100 (PEP)	Rear bumper
4 m band	20 (eff.)	Rear left wing
2 m band	50 (eff.)	Rear of roof (12 cm from roof edge in centre of vehicle) Rear left wing
70 cm band	50 (eff.)	Rear left wing
Telephone, 450 MHz GSM	25 (eff.)	Rear left wing Rear of roof (12 cm from roof edge in centre of vehicle) Rear window, top edge of window "On-Glass"
Telephone, 900 MHz GSM	20 (PEP)	Rear left wing Rear of roof (12 cm from roof edge in centre of vehicle) Rear window, top edge of window "On-Glass" Rear left or right side windows
Telephone, 1800 MHz GSM	10 (PEP)	Rear left wing Rear of roof (12 cm from roof edge in centre of vehicle) Rear window, top edge of window "On-Glass" Rear left or right side windows

eff. = effective transmission power

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

Roadster

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 54 MHz)	10 (PEP)	Rear bumper
4 m band	10 (eff.)	Centre of rear lid Rear left wing
2 m band	10 (eff.)	Centre of rear lid Rear left wing
70 cm band	10 (eff.)	Centre of rear lid Rear bumper
Telephone, 450 MHz GSM		Centre of rear lid Rear left wing
Telephone, 900 MHz GSM	10 (PEP)	Rear left wing

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Designation	P _{max} (Watt)	Specified aerial fitting locations
Telephone, 1800 MHz GSM	10 (PEP)	Rear left wing

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.64 Transmission power levels and aerial fitting locations for TT (from model year 2007 up to model year 2014)

Coupé

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 54 MHz)	100 (PEP)	Rear bumper
4 m band	20 (eff.)	Rear left wing
2 m band permitted unless authoris	50 (eff.) ed by AUDI AG. AUDI A	Centre of roof (rear) Rearsleft wing antee or accept any liability
70 cm bandpect to the correct	50s(eff.)nformation in	Reardeft-wing Copyright by AUDI AG.
Telephone, 900 MHz GSM	20 (PEP)	Centre of roof (rear) Rear left wing Rear window, top edge of window "On-Glass" Rear left or right side windows
Telephone, 1800 MHz GSM	10 (PEP)	Centre of roof (rear) Rear left wing Rear window, top edge of window "On-Glass" Rear left or right side windows
Bluetooth (2400-2483 MHz)	500 mW	Under front passenger's seat
UMTS network	10 W	Centre of roof (rear)
Short-range radar (76.5 GHz)	< 10 mW	Behind radiator grille

eff. = effective transmission power

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

Roadster

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 54 MHz)	(/	Centre of rear lid Rear bumper



Designation	P _{max} (Watt)	Specified aerial fitting locations
4 m band	10 (eff.)	Centre of rear lid Rear left wing
2 m band	10 (eff.)	Centre of rear lid Rear left wing
70 cm band	10 (eff.)	Centre of rear lid Rear bumper
Telephone, 900 MHz GSM	10 (PEP)	Top centre of windscreen
Telephone, 1800 MHz GSM	10 (PEP)	Top centre of windscreen
Bluetooth (2400-2483 MHz)	500 mW	Under front passenger's seat
UMTS network	10 mW	Top centre of windscreen
Short-range radar (76.5 GHz)	< 10 mW	Behind radiator grille

PEP = Peak Envelope Power



WARNING

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1.65 Transmission power levels and aerial fitting locations for ter (from model year in this document. Copyright by AUDI AG. 2015 onwards)

Coupé

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 30 MHz)	100 (PEP)	Towing bracket
4 m band (6487.5 MHz)	20 (eff.)	Centre of roof (rear)
2 m band (135175 MHz)	50 (eff.)	Centre of roof (rear)
70 cm band (430480 MHz)	50 (eff.)	Centre of roof (rear)
TETRA (380390, 406420, 450470, 800825, 870876 MHz)	30 (PEP)	Centre of roof (rear)
Telephone, GSM (820980 MHz)	2 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
Telephone, GSM (17001900 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
Telephone, UMTS network (19002100 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)
LTE (e-UTRA bands 1 to 41 and 44)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right section of rear bumper (fitting location as standard aerial)

eff. = effective transmission power





If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

Roadster

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave (< 30 MHz)	10 (PEP)	Towing bracket
4 m band (6487.5 MHz)	10 (eff.)	Rear lid
2 m band (135175 MHz)	10 (eff.)	Rear lid
70 cm band (430480 MHz)	10 (eff.)	Rear lid
TETRA (380390, 406420, 450470, 800825, 870876 MHz)	10 (PEP)	Rear lid
Telephone, GSM (820980 MHz)	2 (PEP)	Rear lid Left/right section of rear bumper (fitting location as standard aerial)
Telephone, GSM (17001900 MHz)	1 (PEP)	Rear lid Left/right section of rear bumper (fitting location as standard aerial)
Telephone, UMTS network (19002100 MHz)	1 (PEP)	Rear lid Left/right section of rear bumper (fitting location as standard aerial)
LTE (e-UTRA bands 1 to 41 and 44)	1 (PEP)	Rear lid Left/right section of rear bumper (fitting location as standard aerial)

eff. = effective transmission power

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.

1.66 Transmission power levels and aerial fitting locations for e-tron (from model year 2019 onwards)

Designation	P _{max} (Watt)	Specified aerial fitting locations
Shortwave/CB radio (< 30 MHz)	100 (PEP)	Towing bracket
4 m band (6887.5 MHz)	20 (eff.)	Centre of roof (centre), centre of roof (rear)
2 m band (144174 MHz)	50 (eff.)	Centre of roof (centre), centre of roof (rear)
70 cm band (410470 MHz)	50 (eff.)	Centre of roof (rear)
TETRA (380395, 406420, 450460, 806825, 870876 MHzy Copyright. Co	30 (PEP) pying for private or co	Centre of roof (rear) nmercial purposes, in part or in whole, is not

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Designation	P _{max} (Watt)	Specified aerial fitting locations
Telephone, GSM (824850 MHz, 876915 MHz)	2 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right/centre section of rear bumper (fitting location as standard aerial)
Telephone, GSM (17101785 MHz, 18501910 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right/centre section of rear bumper (fitting location as standard aerial)
Telephone, UMTS network (18852025 MHz)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right/centre section of rear bumper (fitting location as standard aerial)
LTE (e-UTRA bands 1 to 41 and 44)	1 (PEP)	Centre of roof (rear) (fitting location as standard aerial) Left/right/centre section of rear bumper (fitting location as standard aerial)

PEP = Peak Envelope Power



WARNING

If transceivers with higher output are installed, or if the aerial is not fitted at one of the locations specified in the table, the operating permit for the vehicle may be void.



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